WEST Search History

| Hide Items | Restore | Clear | Cancel |
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DATE: Wednesday, October 24, 2007

| Hide? | Set Nam | <u>e Query</u> | Hit Count |
|-------|---------|---|-----------|
| | DB=US | PT; PLUR=YES; OP=ADJ | |
| | L4 | 12 not L3 | 7 |
| | L3 | control\$4 and predict\$3 and L2 | 7 |
| | L2 | bottom near1 hole pressure and back pressure and L1 | 14 |
| | L1 | mwd or measurement-while-drilling | 4420 |

END OF SEARCH HISTORY

Refine Search

Search Results -

| Terms | Documents | |
|------------------------------|-----------|--|
| back pressure control and L6 | 12 | |

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database

Database:

EPO Abstracts Database
JPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

| L8 | A |
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Search History

DATE: Wednesday, October 24, 2007 Purge Queries Printable Copy Create Case

| Set Name Query side by side | | Hit Count | Set Name result set |
|-----------------------------|---|-----------|------------------------|
| DB=U | SPT; PLUR=YES; OP=ADJ | | |
| <u>L8</u> | back pressure control and L6 | 12 | <u>L8</u> |
| <u>L7</u> | back pressure control and L6 | 12 | <u>L7</u> |
| <u>L6</u> | drilling and 14 | 1258 | <u>L6</u> |
| <u>L5</u> | ll and L4 | 1 | <u>L5</u> |
| <u>L4</u> | downhole pressure or bottom near1 hole pressure | 2146 | <u>L4</u> |
| <u>L3</u> | downhole pressure and sensor and l1 | 0 | <u>L3</u> |
| <u>L2</u> | back pressure and L1 | 1 | <u>L2</u> |
| <u>L1</u> | 6527062.pn. | 1 | <u>L1</u> |

END OF SEARCH HISTORY

WEST Search History



DATE: Wednesday, October 24, 2007

| Hide? | <u>Set</u> Name | Query | <u>Hit</u> Count |
|-------|--------------------|---|---------------------|
| | DB=F | PGPB; PLUR=YES; OP=ADJ | |
| П | L11 | (discharge near2 conduit and back pressure and control\$4 and (programmable pressure monitor\$3 or micro near1 processor or computer or process\$3) and sensor and (able pressure monitor\$3 or micro near1 processor or computer or process\$3) and predicted down near1 hole pressure and model).clm. | 1 |
| | DB=U | JSPT; PLUR=YES; OP=ADJ | |
| Γ. | L10 | 18 and L9 | 2 |
| | L9 | controller or computer or control module | 878764 |
| Γ. i | L8 | sensor and L7 | 3 |
| | L7 | 15 and L6 | 3 |
| | L6 | programmable pressure monitor\$3 or micro near1 processor or computer or process\$3 | 2470977 |
| Г | L5 | back pressure and control\$4 and l4 | 4 |
| | L4 | pump\$3 and l1 | 4 |
| | L3 | 11 and L2 | 1 |
| | L2 | discharge near2 conduit | 15185 |
| Г | L1 | 7185719.pn. or 7044237.pn. or 7278496.pn. or 6527062.pn. | 4 |

END OF SEARCH HISTORY